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### (54) **Software teletext decoder architecture**

(57) An apparatus for capturing and decoding the teletext data from a television signal and displaying the teletext data, along with the video picture, in a windowing environment on the monitor of a personal computer system. The teletext data decoder retrieves the lines of teletext data stored in the frame buffer with the rest of the video frames, decodes the teletext data in software and stores the teletext characters directly in system memory for further processing and display in user-defined windows on the PC monitor.

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## EUROPEAN SEARCH REPORT

Application Number

EP 96 30 9034

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
A	<p>WO 91 05436 A (VIDEOLOGIC LTD) 18 April 1991 * page 3, line 9 - line 24; figure 2 * * page 5, line 15 - page 6, line 10; figure 3 * ---</p> <p>US 4 894 789 A (YEE KEEN Y) 16 January 1990 * column 2, line 55 - column 3, line 13 * * column 6, line 39 - line 61 * * column 3, line 46 - column 4, line 51 * -----</p>	1,12,23	H04N5/445
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			H04N
<p>The present search report has been drawn up for all claims</p>			
Place of search	Date of completion of the search	Examiner	
THE HAGUE	5 July 1999	Beaudoin, O	
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

**ANNEX TO THE EUROPEAN SEARCH REPORT  
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

05-07-1999

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